

FOLIO

UNIVERSITY OF ALBERTA
25 MARCH 1994

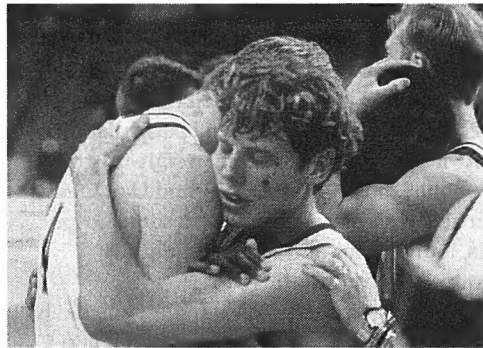


INSIDE

- Ted Blodgett appointed University Professor
- Busy times for Alumni Wall of Recognition, Sports Wall of Fame
- Law students win client counselling competition

Bears win national basketball title

Horwood recognized as CIAU Coach of the Year
By Michael Robb



'We did it!'
Pent-up emotions are released slowly ...

The Bears basketball team won its first-ever national CIAU title last weekend in Halifax, capping an outstanding regular season.

The Bears went to the eight-team competition ranked number two in the country. In the final game they defeated the favoured McMaster Marauders 73-66.

"The teams were really evenly matched," said coach Don Horwood, who was earlier named CIAU Coach of the Year.

Earlier in the competition, the Bears knocked off St. Mary's 89-85 and Brandon 79-75, to advance to the final.

The Bears compiled an 18 and 2 record during the regular season and suffered only one loss in the postseason, that to the Calgary Dinosaurs in CWUAA semi-final action.

Horwood told *Folio* it was a great team effort. "We didn't have any all-Canadians, but the team had great depth." That was particularly important when we ran into foul trouble during the last game and the team was able to draw on incredibly solid bench support, he explained.

The tournament's most valuable player, Murray Cunningham, played an outstanding final game, scoring 14 points and grabbing 13 rebounds. Cunningham outshone McMaster's much-feared all-Canadian centre Jack Vander Pol, who was held to 13 points and seven rebounds.

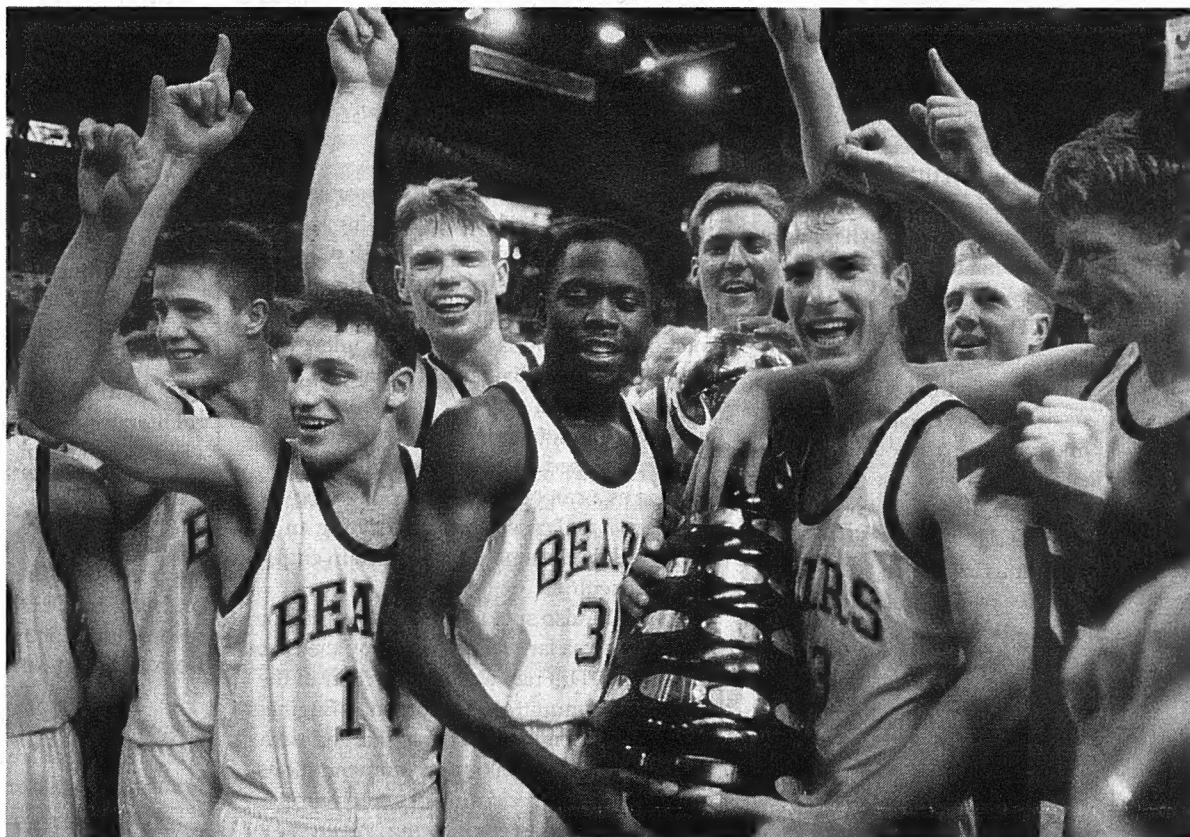
"These athletes are magnificent young people. There's not a bad apple on the whole team," Horwood said, adding that "they've had a lot of fun playing in front of great fans this season."

Over the course of the season, that fan support grew.

On what the national title means to the basketball program, Horwood said, "I hope it will help us recruit good athletes. We can now say to them [potential players] we've won a national championship. In the past, we've never been able to do that."

The Bears figure to be strong next year, too; they're expecting to lose only two players, Clayton Pottinger and Scott Karaim.

The success will obviously generate more fan support which means more money in Athletics' coffers. The rough estimates indicate that the Bears' two playoff series alone grossed about \$48,000. Director of Athletics Ian Reade cautioned, however, that there are



... and then full-force as the Bears claim their first national championship trophy.

a number of costs associated with hosting playoffs. "The biggest thing for us was selling out [the western final] and having to turn 1,000 people away. This is becoming a premier ticket. We hope a lot more people turn out for the games next year."

"Our hope is that we can maintain the high level of attendance that we enjoyed this year," Faculty of Physical Education and Recreation Dean Art Quinney said. "We're overjoyed. This success reflects the building of a program by a coach and a department."

"It's an unbelievable feeling," guard Greg Devries said. The squad had been talking about winning the championship all week and throughout the year. "Now we've done it."

Horwood has coached the Bears for 11 seasons, and while he remained modest in the wake of the most significant victory of his coaching career, Devries and his teammates, as well as local sportswriters and broadcasters, had high praise for him.

Now that's customer service!

Edmonton Power, engineering students help company's customers lower their costs

By Michael Robb

Edmonton Power takes its customer service seriously, so seriously, in fact, that it wants to help its major customers reduce their power costs.

The company recently hired eight University of Alberta co-op engineering students who will work for Edmonton Power's customers. The goal is to help customers reduce their energy consumption.

"Edmonton Power pays for the students' time while they are with these companies, and the students are required to work in an area involving energy efficiency or environmental monitoring," says Dave Fraser, executive vice-president, Operations.

"We are providing a service for our customers, and more importantly, this gives Edmonton Power an opportunity to better understand our customers' specific problems

and their daily business and power needs," says Fraser.

"This is the first time we have had co-op students work for our customers," notes Chris Vilcsak, senior accounts manager, Customer Services.

The Faculty of Engineering has placed the co-op students with six different employers: the U of A, Amoco Canadian Petroleum Co Ltd, Inland Cement, Alberta Hospital, AT Plastics and Edmonton Northlands.

Ken Porteous, Associate Dean for Cooperative Education, says students gain valuable work experience during the work terms of their programs, and learn a great deal about energy conservation and environmental issues. "During these tough times, it's important that we find employers who are willing to hire our co-op students."

Student Dean Mathew, who is working for Edmonton Northlands, says the experience he has received in the energy conservation area has helped him make up his mind: he wants to pursue a related career. His supervisor, Mark Weisner, says Northlands has wanted to do an energy audit for a long time, but didn't have the resources to do it. "The student came at a perfect time."

Edmonton Power expects to spend about \$225,000 on the initiative, less than one percent of what the participating customer companies spent on their power bills in 1993.



Mark Weisner, supervisor at Edmonton Northlands, discusses energy saving ideas with University of Alberta engineering student Dean Mathew in front of Edmonton Northlands.

Engineering students changing for the better

Northern Telecom-NSERC Women in Engineering Chair sees reduction of insensitive behaviour

By Michael Robb

Engineering students across the country have worked very hard to clean up their image and to stop insensitive and sexist activities, says the holder of the Northern Telecom-NSERC Women in Engineering Chair.

"In the last 12 months, I have come to the conclusion that the major problem is not the students. It's faculty," Monique Frize told engineering students at a lecture last week.

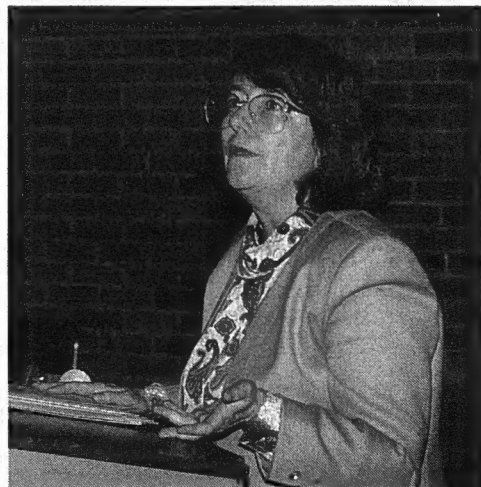
About four or five years ago, the students were pretty bad, but they've since done a lot of work to turn things around, explained the Professor of Electrical Engineering at the University of New Brunswick.

Dr Frize said some faculty are part of the problem. "Some of my colleagues at UNB are very proactive, have learned gender-inclusive language and now use it in their classrooms." However, others have denied there are problems and rejected any suggestions that might improve classroom climate for female engineering students.

Citing studies, Dr Frize said only 15 percent of female engineering students say there are problems of sexism in their schools. That rises to 35 percent in second year, 50 percent in third year and 58 percent in fourth year.

The students complain about sexist attitudes and remarks and suggestions that women don't belong in engineering schools. "I know that occurs on every campus in Canada," she said, suggesting that professor assessment forms should include a question: Is the professor sexist or racist in the classroom?

Dr Frize said a number of encouraging endeavours are under way. Education faculties are sensitizing future teachers; workshops



Monique Frize, Northern Telecom-NSERC Women in Engineering Chair

are being held for parents and career counselors; cooperative and nonthreatening learning environments are being developed; videos are being developed to explain to young women the possible careers in engineering; and mentoring programs for young women, for example, at the University of Manitoba, are being developed.

Dean of Engineering Fred Otto said Dr Frize has helped raise the visibility of engineering as a career choice for young women and been a real crusader in advocating an improved environment for women in engineering faculties.

Dr Frize also spoke on harassment in the workplace to a large class taught by the Dean.

In 1990, Dr Frize was named chair of the Canadian Committee for Women in Engineering. The 19-member body was charged with investigating and making recommendations regarding the participation of and environment for women in engineering. When the CCWE was disbanded, Dr Frize was appointed spokesperson to follow up on the implementation of its recommendations published in "More Than Just Numbers."

Medical library speeds along the information superhighway

Alberta Health Knowledge Network online in spring

By Judy Goldsand

You mean I can get my coffee, put on my music and sit down at my own computer to do my search, even at 10 o'clock at night?

This question was posed to Lea Starr, Reference Coordinator at the John W Scott Health Science Library, who says it won't be too long until this is possible, probably by September.

As the new Alberta Health Knowledge Network (AHKN) becomes operational, the first goal is to provide access to major health databases from anywhere on the U of A or U of C campuses. The databases will show not only indexes and abstracts, but will also provide the full text of articles from a selection of health care journals. Forty users in Edmonton and 30 in Calgary will be able to access the Network simultaneously from within campus libraries, offices or labs.

This is a huge improvement, says Sylvia Chetner, Health Sciences Librarian, over the current system wherein U of A users have only 30-minute time slots to search the medical literature from the four CD ROM workstations in the Scott Library. "Within our library alone, access will increase from four stations to 18."

The initial implementation of AHKN will support five high demand databases, the largest being MEDLINE with seven million records and 3,500 journals covering the years from 1966 to the present. Once the campuses at Edmonton and Calgary are online, the next stage will be to arrange for access to the Network from health care workers' own offices, homes, hospitals or labs off-campus.

Long-range plans call for AHKN to be extended to other universities, colleges, and health professionals' workplaces in smaller

urban and rural areas throughout the province.

The benefits of the new system are many. It will save time, money and significantly improve researchers' effectiveness. The ability to access a great variety of information sources, and the elimination of per-use charges will allow researchers to conduct more thorough searches.

Patient care also will be improved. Studies have shown that physicians altered their patient care decisions in 80 percent of cases after having accessed the relevant literature. AHKN will give not only physicians but all health care workers better access to information required for problem-solving.

Ernie Ingles, Director of Libraries, gives credit to the Alberta Heritage Foundation for Medical Research for being a "particular catalyst" in AHKN by providing a start-up grant of about \$250,000. The U of A and U of C each donated a similar amount, with some hospitals, foundations and other community groups also contributing.

Ongoing financing, says Ingles, will likely be provided through some form of flat rate subscription. Faculties will probably pay an annual fee entitling their members to unlimited use. There will be no charge to individual faculty members. The ability of Faculties to predict costs will be another advantage of the new system.

Starr says, "We have the computer up, the software loaded, and we are working with Alberta Government Telephones and CDP Technologies of New York to make the system as easy to access as possible. The first stage should be up and running by May."

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Folio's mandate is to serve as a credible news source for internal audiences by communicating accurate and timely information about issues, programs, people and events.

DEADLINES:

Notice of coming events: 9 am three weeks in advance of event. Classified advertisements: 3 pm one week before desired publication date. This date also serves as the deadline for cancellation of advertisements.

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University
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First CFC-free freezer now in use on campus

Medical microbiologist purchases environmentally-friendly unit

By Folio staff

A Medical Microbiology and Infectious Diseases professor is the first researcher on campus—and one of the first in Canada—to purchase a newly developed chlorofluorocarbon-free freezer.

CFCs have been identified as threats to the ozone layer, which protects the earth from harmful levels of ultra-violet radiation from the sun.

Vicky Walker, account representative for Fisher Scientific Limited, says Lung-Ji Chang was first in line to purchase the Forma Scientific, Inc -86 freezer, a unit the company says is totally non-CFC. He ordered the unit in November 1993 even before the first units rolled off the assembly lines in January.

On 16 September 1987, a landmark international agreement to protect the ozone layer was adopted in Montreal. That agreement

called for the phaseout of CFCs and HCFCs. It also sent manufacturers scrambling to develop and manufacture alternatives, says Walker. She doesn't expect Forma to be the only manufacturer of CFC-free freezers for long, however, but the American manufacturer does hold a significant market advantage for the time being.

The freezer is 23 cubic feet and costs about \$7,000.

New University-community links

First Visiting Committee in Physical Education and Recreation

By Judy Goldsand

Twenty-one community leaders volunteered 24 hours of their time on 23 and 24 March to participate as members of the Faculty of Physical Education's first Visiting Committee.

Wednesday evening's program featured an informative and entertaining presentation by Brian Nielsen (Physical Education and Sport Studies) and Billy Moores, coach of the Golden Bears hockey team. Sandy Mactaggart, Chancellor and Interim Board Chair, discussed the concept and responsibilities of Visiting Committees.

Thursday's agenda gave Visiting Committee members an overview of the Faculty's programs, and sought their views on a

number of current issues. Lunch was a highlight for visitors because some of the Faculty's students took them in small groups to various eating spots on campus and told them about their experiences and concerns.

Bob Steadward, Director of the Rick Hansen Centre, and Mary O'Neill, U of A Senator and member of the Board of Governors, co-chaired the program. Besides O'Neill, visitors included: Marc de La Bruyere, managing director, Maclab Enterprises Ltd; Kathleen Davies, lawyer; Dale Erickson, Alberta School Boards Association; Liane Faulder, *Edmonton Journal* columnist; Susan Hickey, U of A Senator; Nick Lees, *Edmonton Journal* columnist; Willie Littlechild, lawyer;

The Right Honourable Donald Mazankowski, U of A Board of Governors; Alex McPherson, president, Biomira Inc; Sherrold Moore, consultant, AMOCO Canada; Brian O'Neill, NHL consultant; Gordon Olsen, executive assistant, Legislature Affairs; Darwin Park, partner, Davies, Park & Associates; Pat Reid, president, Reidmore Books Inc; Neil Reimer, president, Alberta Council on Aging; Doreen Ryan, director, Percy Page Centre; Heather Shaw, president and general manager, Shaw Televisual Services; Gailene Shearer, teacher; John Storey, president, Overhead Door Company of Edmonton; and Wanda Wetterberg, general manager, Personnel Department, City of Edmonton.

Shower a poetry turn-on for newest University Professor

By Ron Thomas

Ted Blodgett doesn't have to gaze at sunsets or flowers or prospect the human heart to give the muse a nudge.

He finds the shower works wonderfully well.

"There's always something there, perking away," says the poet, Professor of Comparative Literature, and, as of 1 July, University Professor of Comparative Literature. "I never try to force it because it will come in its own particular way. Maybe in speaking or reading something, or in a dream, or often in the shower, in which case I dash out and write down at least the first few lines.

"I think everybody gets these impulses, you just have to have the nerve to go forward with them."

Dr Blodgett has gone forward countless times, particularly since his early twenties when he got serious about writing poetry. He was first published in 1958 and his most vivid memory of the event is that of his editor telling him that he (Blodgett) was moving in a direction he admired.

The estimable Robert Kroetsch, now Distinguished Professor of Canadian Literature at the University of Manitoba, says, "Ted Blodgett is surely the poet who in Canada investigates the use of European intellectual traditions as a means toward poetic expression. He is unique in his ability to blend modes and their attendant language deriving

from French, German and Dutch models with contemporary concerns, be they concepts of the subject, versions of the symbolic, or the poetic uses of history."

Dr Blodgett's volume, *Da Capo: New and Selected* (1990) strikes Kroetsch as being "a principal text in the history of Canadian poetry," one that "speaks beyond the Canadian context to international audiences."

That's a glimpse of the academic/analytical side of Ted Blodgett. There's also Ted Blodgett, poetry lover, poetry adjudicator, and, in the words of DG Jones, Université de Sherbrooke, a great "bear of a man". He enjoys reading his work in all sorts of local settings and in places such as North Hatley, Quebec; Amherst College (his alma mater); University of Lund; Université de Rouen; and Toronto's Harbourfront. Equally pleasurable is being part of the annual Stroll of Poets on Whyte Avenue.

"It's marvellous. I can't explain it other than to say poetry is one of those accepted vehicles for reaching out to a certain audience without having the feeling you're doing anything embarrassing," he chuckles.

Dr Blodgett, who has taught an introductory course in world literature for many years, finds that "some of the most remarkable moments of insight come from discussions with students. I don't think one would learn things that are important to learn if one simply did research. I've always been partial to research

but the heart of a university is the professor-student relationship. Things go from there."

Dr Blodgett came to the University of Alberta in 1966 as an assistant professor of English and Romance Languages and subsequently helped found the Department of Comparative Literature. He says "comparative literature" is a misnomer because "we don't have any particular predilection for any national literature. We teach the literatures we know without bias and look at things as a world event not a national event.

"Clearly it's one of the most interesting ways of looking upon world literature and trying to overcome the barriers of national cultures without at the same time forgetting that there are national differences."

Casting an eye over Canadian fiction, he finds it to be "in a very healthy state and gathering for itself quite an international response. Conferences on Canadian literature are held annually, and the contemporary character of Canadian prose is considered in many ways very avant-garde."

Now on study leave, Dr Blodgett is completing a translation of *Flamenca*, a medieval romance written in Old Provençal (he also reads Greek, Latin, Old French, Middle High German, Dutch and Italian), and planning a book of studies that will examine the conditions appropriate to the writing of the Canadian literatures.



Photo Services

Ted Blodgett doesn't have to gaze at sunsets or flowers or prospect the human heart to give the muse a nudge.

Institute for pharmaco-economics research planned

By Sandra Halme

The University of Alberta, Alberta Health, Alberta Economic Development and Tourism, the University of Calgary, and the Alberta Heritage Foundation for Medical Research are working with the pharmaceutical industry to establish an Alberta-based institute for research on pharmaco-economics. The group hopes to have the institute operational by September 1995.

Pharmaco-economics evaluates the costs and benefits of drug therapy through the eyes of patients, health care providers, provincial or regional health departments and the public. Working with industry, the institute would conduct work in several areas: carrying out cost-effective and cost-benefit analysis of new drugs and classes of drugs; producing

policy studies on issues affecting the industry; developing improvements to existing methodologies; and providing expert advice on pharmaco-economics.

A high quality, well-organized research institute for pharmaco-economics is seen as necessary to a successful pharmaceutical research base in Alberta. The creation of the institute is part of a strategy to attract pharmaceutical research to the province in order to establish strong partnerships between industry, government and academia.

Similarly, an institute for pharmaco-economics is seen as essential to the provincial government's decision-making process in regard to drug benefits. Increasing costs are causing Alberta Health to evaluate the eco-

nomie impact of drugs and drug products more closely. A balance must be struck between therapeutic advantage and economic benefit when defining coverage under provincial government drug programs.

A steering committee, chaired by Martha Piper, Vice-President (Research), University of Alberta, has been established to develop a proposal, including funding sources and a budget, which will be presented to industry and government officials within the next several months.

Dr Piper said, "I'm delighted with the initiative taken by all the partners involved in the pharmaco-economics institute proposal. This is an excellent example of the benefits to be gained through strong collaborations

Continued on page 9

Top honour

The title of University Professor is the highest honour the University of Alberta can bestow on a member of its academic staff. University Professors are individuals who have achieved outstanding distinction in each of the areas of scholarly research, teaching, service to the University and the community at large.

Appointment to the title is without term.

Besides Dr Blodgett, University Professors are: William Ayer (Chemistry), Ronald Coutts (Pharmacy), Milan Dimic (Comparative Literature), Duncan Fishwick (Classics), Chuji Hiraki (Plant Science), Stephen Hunka (Educational Psychology), Werner Israel (Physics), Michael James (Biochemistry), James MacGregor (Civil Engineering), Juliet McMaster (English), Peter Meekison (Political Science), Norbert Morgenstern (Civil Engineering) and John Orrell (English).

University Professors Emeriti are: Leslie Green (Political Science), Karol Krotki (Sociology), Raymond Lemieux (Chemistry), Fenton MacHardy (Agricultural Engineering), Tom Nelson (Psychology), Mary Spencer (Plant Science), George Walker (Electrical Engineering) and William Wonders (Geography).

University Professors deceased are: James Barrington (History), Gordin Kaplan (Biochemistry), Henry Kreisel (Comparative Literature) and Max Wyman (Mathematics).

Ray Lacousta: building bridges between staff and computer

By Janet Resta

A big part of Ray Lacousta's job is translating for the one staff member we sometimes malign and occasionally misunderstand.

In addition to English and Ukrainian, Ray is fluent in the language of computers. As a Senior Project Manager for Computing and Network Services (CNS), he works with clients to design a system that best suits the needs of the department and its staff. Once the parameters have been established and all the parties share a common goal and vocabulary, he instructs the computers themselves to generate 40 to 60 percent of the application in question.

Using computer-assisted systems engineering, Ray allows each client to be a major player in choosing the application of the new "Oracle" system that best suits their needs. Though superior to systems previously available to the University community, Oracle was

not attained without sacrifice. In fact, CNS agreed to a million dollar exchange of technology for salary positions.

Over the past three or four years, as staff have been let go and changes have been implemented, Ray has seen his role become that of a facilitator and consultant. He now looks forward to the day when each department and service on campus has been assessed and refitted with a system that will allow for a more centralized and efficient computer network.

Ray is naturally enthusiastic and eager to discuss all manner of computer-related topics. His enthusiasm was sparked in Grade 11 when a forward-thinking science teacher introduced him to the computer world. While completing a BSc in Computing Science at the U of A, Ray was once officially scheduled to attend a 3 am computer lab due to lack of

access to the existing equipment. Clearly the experience failed to dampen his interest.

In activities away from work, he is an energetic member of the Ukrainian community, serving as president of the Edmonton Ukrainian Catholic Brotherhood. He also gives his time to the Alberta Avenue Community League and is a long-standing resident of that neighbourhood.

Ray also enjoys the ongoing renovation of his family's home and is now trying his hand at woodworking to create some original new pieces to add to their furnishings.



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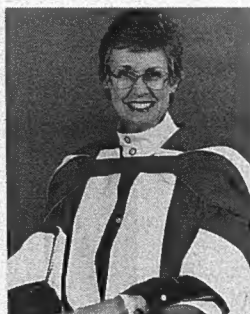
Ray Lacousta is fluent in English, Ukrainian and computerese.

It is clear in speaking with Ray Lacousta that his wife, two children, and his faith are the focal point of his life. He appears to approach his life, as he does his work, with energy, optimism and enthusiasm.



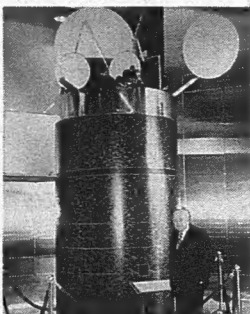
Doris Anderson
'45 BA, '73 LLD (Honorary)

An editor, author and noted feminist, Doris Anderson has earned an important place in the history of the women's movement in Canada. She helped shape awareness of Canadian women during two decades as editor of *Chatelaine*. As president of the Canadian Advisory Council on the Status of Women, she resigned her post in 1981 in protest over government interference. She is the author of three novels and a nonfiction work on the status of women, *The Unfinished Revolution*. Ms Anderson is Chancellor of the University of Prince Edward Island and is an Officer of the Order of Canada.



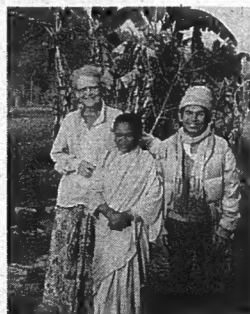
Naomi Hersom
'69 PhD, '92 LLD (Honorary)

Honorary degrees from no less than seven universities recognize the diverse contributions Naomi Hersom has made to education in Canada. She is the former president of Mount Saint Vincent University in Halifax and previously served as professor and dean of the College of Education at the University of Saskatchewan. Dr Hersom was elected the first president of the Canadian Education Association and also held the presidency of the Canadian Society for the Study of Education and the Canadian Society for the Study of Higher Education. Her many honours include investiture as Grand Dame of Merit, Order of the Knights of Malta.



Joseph Charyk
'42 BSc (Eng), '64 LLD (Honorary)

As the founding president of the Communications Satellite Corporation (COMSAT), Joseph Charyk was a leader in the advancement of satellite communication technology and the formation of the worldwide INTELSAT network. In 1989, the US government awarded Dr Charyk the National Medal of Technology, citing his role in guiding the growth and development of the INTELSAT system, which today serves 160 nations and territories. Dr Charyk is a former professor of aeronautics at Princeton University and former director of Lockheed Aircraft's Astrophysics and Chemistry Laboratory.



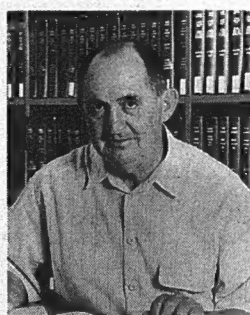
Helen Huston
'49 BSc, '51 MD, '85 LLD (Honorary)

For four decades Helen Huston devoted herself to the service of some of the poorest people in the world and her work as a medical missionary to Nepal has become legendary. Dr Huston began her career in India in the service of the United Church of Canada. She first went to Nepal in 1955 and returned to join the United Mission to Nepal in 1960. Dr Huston was granted honorary life membership in the Nepal Medical Association in 1982—the first such recognition ever granted by that body to a medical doctor from the West. She recently received the Sir Edmund Hillary Foundation Award and the University's Medical Alumni Outstanding Achievement Award.



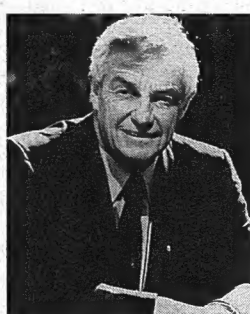
C Joseph Clark
'60 BA, '73 MA, '85 LLD (Honorary)

Canada's 16th prime minister and the first from western Canada, Joe Clark rose above the vagaries of politics to earn international esteem and become one of Canada's most respected statespersons. He earned the respect of Canadians for his work as minister of external affairs and later as minister responsible for constitutional matters. In 1992, he was a recipient of the Great Canadian award. Mr Clark is a former editor of *Gateway* and later a lecturer in political science. He retired from elected office in 1993, having spent most of his 21 years as an MP representing the Yellowhead constituency.



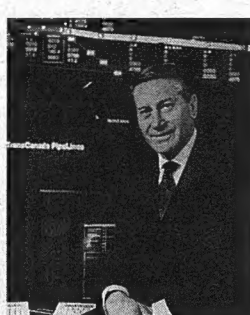
Raymond Lemieux
'43 BSc, '91 LLD (Honorary)

Raymond Lemieux is one of Canada's most creative scientists. His numerous accomplishments in organic chemistry, biology, medicine and physical chemistry have kept him in the scientific spotlight for four decades. A University Professor Emeritus of Chemistry, Dr Lemieux has been awarded 15 honorary degrees from universities around the world and has received some of the world's most prestigious scientific awards, including the 1990 King Faisal International Prize in Science (Chemistry). His contributions to Canadian science were recognized in 1991 with the first-ever Canada Gold Medal for Science and Engineering, Canada's highest scientific honour.



Peter Loughheed
'51 BA, '52 LLB, '86 LLD (Honorary)

For 14 years Peter Loughheed served as Alberta's premier. Having brought his party from the political wilderness to the government benches, Dr Loughheed went on to become one of Canada's most influential leaders. A former president of the Students' Union, he is now a senior partner in the Calgary law firm Bennett Jones Verchere. He accepted an invitation from the federal government in 1991 to co-chair two of the major constitutional conferences which led to the national referendum on the Charlottetown Accord. Dr Loughheed is a Companion of the Order of Canada and his numerous other awards include five honorary degrees.



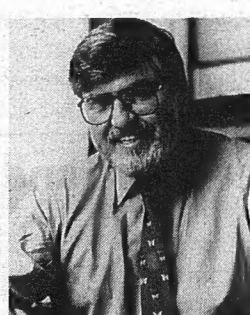
Gerald Maier
'51 BSc (Eng)

His broad experience has made Gerald Maier a respected voice within Canada's energy industry. He has also been a leader in the wider community and a passionate spokesperson for Canadian unity. He is chair and CEO of TransCanada Pipelines and has spearheaded the company's international pipeline expansion project, one of the largest development projects ever undertaken by a single Canadian company. Mr Maier has helmed Hudson's Bay Oil and Gas and Bow Valley Industries Ltd, and is a director of Alberta Natural Gas Company Ltd.



Beverley McLachlin
'65 BA, '68 LLB, '68 MA '91 LLD (Honorary)

Since graduating with the Faculty of Law's highest honour—the gold medal—Madam Justice Beverley McLachlin has distinguished herself as a legal scholar and as a Supreme Court of Canada Justice. Madam Justice McLachlin was appointed to the Supreme Court of Canada in 1989 and is regarded as one of its leading thinkers. She has practised law in Edmonton and B.C. and taught at the UBC law school. She was appointed to the County Court of Vancouver in 1981 and senior appointments soon followed. Madam Justice McLachlin was named Chief Justice of the Supreme Court of British Columbia in 1988.



David McLean
'59 BA, '62 LLB

A respected member of Canada's business community and his profession, David McLean has also distinguished himself through his community involvement and his devotion to the cause of higher education. Chair, president and CEO of the McLean Group, he served as chair of both the Canadian Chamber of Commerce and Vancouver Board of Trade in 1992-93. Mr McLean is a former chair of the board of governors of the University of British Columbia. In 1991, he was instrumental in revitalizing the Gold Key Society at the University of Alberta.



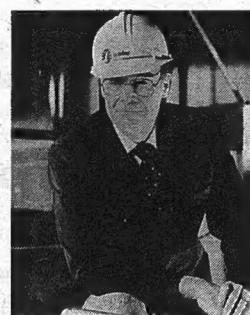
Glenda Simms
'74 BEd, '76 MEd, '85 PhD

As a specialist in native education and as president of the Canadian Advisory Council on the Status of Women, Glenda Simms has made important contributions to her adopted country. A native of Jamaica, Dr Simms has taught at the Saskatchewan Indian Federated College at the University of Regina and then supervised race and ethnic relations for the Regina Public School Board. She also taught at Nipissing University College in Ontario. Since 1990, Dr Simms has been the federal government's head advisor on women's issues and she has spearheaded the Council's research and publication initiatives and worked to make the Council better known to Canadian women.



Margaret Southern
'53 BPE

As co-founder and president of the world-famous Spruce Meadows equestrian centre, Margaret Southern has increased the profile of equestrian sports in Canada and brought international attention to Alberta. Spruce Meadows is known as the finest outdoor show jumping facility in North America and is ranked the second-best equestrian sports venue in the world. In 1989, the Institute of Management Consultants recognized Mrs Southern as its Executive of the Year. A member of the Order of Canada, she is a director on a variety of corporate boards and serves on the boards of the du Maurier Council for the Arts and the Equestrian Improvement Foundation.



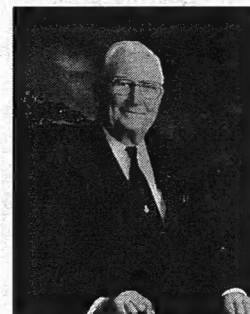
Donald Stanley
'40 BSc (Eng), '88 DSc (Honorary)

Through dedication, professionalism and hard work, Donald Stanley built one of the most successful engineering consulting firms in western Canada. Dr Stanley began as a one-person business and now the Stanley Technology Group of Companies has offices around the world. He is past president of the Edmonton and Alberta Chambers of Commerce and the University's Alumni Association. In 1985, Dr Stanley was the first recipient of the Association of Consulting Engineers of Canada's prestigious Carlson F Morrison Award and is also the winner of the Engineering Institute of Canada's Julian C Smith Medal for achievement in the development of Canada.



Richard Taylor
'50 BSc, '52 MSc, '91 LLD (Honorary)

A lively curiosity has fuelled Richard Taylor's distinguished career as an experimental physicist, a career which was capped by a share of the 1990 Nobel Prize in Physics. Dr Taylor is the first alumnus to win a Nobel Prize. He shared the prize for "fundamental discoveries which show the innermost structure of matter" and for, along with his colleagues, providing the first physical evidence of quarks (the building blocks of 99 percent of all matter on earth). Dr Taylor has been a Stanford University faculty member since 1962 and helped direct construction of the Stanford Linear Accelerator, the world's largest electron microscope.



Francis Winspear
'51 LLD (Honorary)

Francis Winspear's accomplishments in the world of commerce are matched by his generosity as a benefactor. For more than 60 years Dr Winspear has given generously of his time and money to the University. A Professor Emeritus of Accounting and former director of the then School of Commerce, Dr Winspear was the first "Distinguished Benefactor" of the Faculty of Business and the inaugural "Honorary Fellow of the Faculty of Arts". He retired in 1965 and saw the accounting practice he established in Edmonton in 1930 become national in scope. Its merger with Deloitte Haskins & Sells in 1980 created the third largest accounting firm in Canada.



Ovid Wong
'70 BSc, '71 Dip (Ed)

Through his award-winning books for children and as a distinguished educator with a love for the classroom, Ovid Wong shares his enthusiasm for the teaching and learning of science. Dr Wong is the author of 10 science books for children and was honoured with the Book of the Year Awards from the Children's Reading Round Table of Chicago in 1986, 1987 and 1989. His enthusiasm for science education brought him Outstanding Science Teacher of Illinois awards and in 1990 he was chosen to lead a delegation to the then Soviet Union as part of the People to People Youth Science Exchange.

Quotable quotes

Alumni Wall of Recognition inductees fashion or select their favourite sayings

By Folio staff

The Alumni Wall of Recognition was officially opened on Tuesday of this week in the Students' Union Building. Chancellor Sandy Mactaggart invited inductees attending the Tuesday night dinner, prepared in their honour to select their favourite quotations.

Each of the inductees present provided the Chancellor with a quote they fashioned or ones they selected. The Chancellor chose the following quotes to include in his speech honouring the first Alumni Wall of Recognition inductees.

Helen Huston

"For apart from Me, you can do nothing at all." (Gospel of Saint John, chapter 5)

Ray Lemieux

"A discovery a day will keep the doctor away." (Ray Lemieux)

Gerald Maier

"The span of life is infinitely minute in terms of our planet's geological time, so it should be a source of universal encouragement that over the course of history, so many have used their brief window, to make such positive and enduring contributions for the betterment of mankind, and that these contributions are gradually overcoming the darker side of humanity."

Beverley McLachlin

"But yield who will to thou separation,
My object in life is to unite
My avocation and my vocation,
As my two eyes make one in sight."
(Robert Frost "Two Tramps in Mud Time")

David McLean

"Some men see things as they are and ask, why?"

I dream dreams that never were, and say, why not?"

(Edward Kennedy, describing his brother Robert at Robert's funeral)

Margaret Southern

"Freedom is doing what you like.
Happiness is liking what you do!"
(Margaret Southern)

Richard Taylor

"Nothing is so captivating as new knowledge." (Richard Taylor)

Francis Winspear

"If nations are going to prosper, they've got to develop their human resources, and in the faculty there are many resources. We must invest in tomorrow's leaders." (Francis Winspear)

The Alumni Wall of Recognition is now permanently on display in the Students' Union Building.

From unknown ... to unmatched

Business PhD program comes of age

By Carolyn Stout

One of the first two students to enter the Faculty of Business PhD program didn't know it existed until the day he was invited to enroll. A roster of students who've since applied reads like an atlas of the world, with candidates from Australia, China, India, Italy, New Zealand and Turkey joining some of the best in Canada—and all drawn to the program by its international reputation.

The program has indeed come a long way in its short history. Just ten years have passed since the first two candidates set out on the long and winding path toward a doctoral degree. Since then, the number of applications received each year has marched steadily upward, nearly quadrupling from a mere 48 in 1984-85 to a high of 191 in 1991-92. Over the program's first decade, a total of 1,135 applications has come in, with 145 offers to enter the program extended to students and some 93 accepted.

"The qualifications of our PhD applicants are on a par with those at any program, anywhere in North America," observes Program Director CR (Bob) Hinings. "The program now ranks among the best offered at English-language universities in Canada. This is especially gratifying as ours is still considered to be a relatively new program."

An equally significant measure of success is the number of graduates who've received appointments. As of September 1993, 45 are currently enrolled in the program, some 20 candidates have earned their PhD designations, and all but a handful of these have been placed at universities across Canada and the United States.

That's an impressive track record for a program that began, remembers coordinator Jeanette Gosine, with two students who were literally "dragooned" into enrolling. This description is no exaggeration, says one of the two.

In the spring of 1983, Cameron Morrill had just finished his BA in Political Science and French and was planning to work toward a master's degree in municipal planning the following fall.

"I got a call out of the blue from Bob Korkie. Apparently the Business PhD program had just been given the nod and as the first director he was looking over a number of students' GMAT scores. He invited me to enter the program, which I'd never even heard of, by doing the first year of an MBA

and then deciding if I'd like to continue on. It was an amazing 'no risk' offer, and I leapt at it."

Now at Laval, Dr Morrill received his PhD in accounting in 1991. Having been at Queens and Laval, his assessment of the program's strengths takes a national perspective. "I consider it an excellent program because of the quality of the teachers. The program's value rests on the director, and in my days there, Bob Korkie was exceptional," he says.

An evaluation of the program's strengths from a faculty point of view is a mirror-image of that from the students' perspective. While students consider the quality of teaching expertise to be pivotal, former director John Brown believes what makes a program a success can be summed up in two words—good students. "To a great extent, the work students produce earns recognition for the calibre of the program."

"One of the program's key advantages lies in the level of support available to PhD students."

Tulin Erdem-Oncu

And produce they have. Business PhD students have published a host of papers in proceedings and refereed journals, and have presented papers each year at various conferences. Within the past three years alone, eight students have won "best paper" awards from such distinguished bodies as the Academy of Management Meeting and the Administrative Sciences Association of Canada.

"One of the program's key advantages lies in the level of support available to PhD students," says recent graduate Tulin Erdem-Oncu, crediting the support she received both for exposing her to a new economic model and funding her research project.

"The visiting speakers program brings students together with internationally-recognized individuals, and exposes them to a tremendous range of ideas and expertise. And the financial support available to make presentations at conferences and seminars is another competitive edge - although it can be a razor's edge because it can cut both ways,"

she observes. "A student may either do well, or poorly, in what is a very public arena."

For all that has been accomplished within the program over the past decade, however, the coming years may well pose new challenges. Among many issues now being explored by the Business PhD program review committee, established last fall with a mandate to look at every aspect of the program, is that of funding.

The program has historically been among the better funded in Canada, with full funding available for the full length of the program. "We now provide funding for only the first three years," says Professor Hinings. "And because we'll either maintain funding at this level or perhaps see less, we are looking at ways of keeping the program at the same size, possible through having more students on outside fellowships."

Another area that has traditionally seen a strong focus is that of encouraging women to pursue PhD training in business management. A privately funded outreach doctoral fellowship program is available to academically gifted women, easing economic barriers which may prevent them from entering the program. This year marks two significant "firsts" in this area. It is the first year in which women entering the program outnumber men (of nine new students, six are women), and the first time all three students entering the area of finance are women.

"While there has traditionally been an enormous variation in the areas women have selected as areas of study, they've tended to be strongly represented in organizational analysis and human resource management. So this year should prove interesting for both the faculty as well as the students in the finance area."

Of course, what is perhaps the ultimate issue for every business program is the one that spans concerns about gender. This is the number of career opportunities available to graduates. Interest in business programs, which expanded throughout the 1970s and crested in the 1980s, is declining. Demand for graduate programs at business schools is dropping throughout the United States and Canada.

"Three years ago, graduates were in such high demand they could pick and choose from a number of offers. While we placed all six of our PhD students this year, they didn't

Biosafety alert

All University staff who work with, or have occasion to enter space that may be contaminated with human body substances (blood, urine, feces, sweat, saliva, tissue, etc) MUST be protected against the Hepatitis B virus BEFORE they start work.

Immunization against Hepatitis B infections consists of a series of three injections: the initial inoculation, a second injection a month later, and a third and final one at six months. Generally, a person has approximately 60 percent protection after the second dose. The Biosafety Office stipulates that a person must have had at least the second shot before working with, or entering space in which a potential human body substance hazard is present.

Immunity documentation must be submitted to the Occupational Health Nurse before a Human Body Substances permit can be processed. Failure to comply is a direct violation of the conditions of the permit, and will result in the permit not being issued or the suspension of previously issued permits.

With regard to the hiring of summer students, the Biosafety Office says that appropriate time allowances should be made to immunize students at least six weeks before employment begins. Similar advance considerations should be made for departmental graduate student teaching assistants who will be assigned to those working with human body substances.

All biosafety registrants are required to keep the registry current. All changes in staff, protocol, hazards, etc must be documented with the Biosafety Office immediately. (Any changes to your registry can be made by calling 492-5378).

The Biosafety Office says, "If you have any questions or have the slightest doubt about whether you should be immunized against the Hepatitis B virus, contact Don Koziol, at the Biosafety Office, 492-3142, or JoAnne Donison, the Occupational Health Nurse, at 492-5378.

YEAR-END CLOSING, 1993-94

Notice to all departments and account holders regarding the University's fiscal year-end

On 17 February 1994, the Comptroller's Office circulated several memos to all Deans, Chairs, and Directors and copied selected Administrative Professional Officers, advising of certain year-end procedures, requirements, and deadlines. All Faculty and departmental staff affected are asked to consult with their departmental administrator.

The last day of business for the 1993-94 fiscal year is Thursday, 31 March. All business transacted up to, and including that date, is to be included in the 1993-94 fiscal year. Subsequent transactions are to be charged to the 1994-95 fiscal year. All transactions that miss the specified deadlines will also be charged to the 1994-95 fiscal year.

Enquiries regarding cutoff procedures should be made to the Office of the Comptroller - General Accounting Section (492-4183 or 492-1980).

Folio advertising deadline

Folio will not publish on 1 April (Good Friday). The deadline for classified and display advertisements for the 8 April issue is Wednesday, 30 March, at 3 pm. The same deadline applies for submissions to the "Talks" and "Events" listings.

Continued on page 9

Law students triumph at client counselling competition

Defeat eight other teams at regionals

By Michael Robb

A team of University of Alberta law students has earned a berth in the North American and International client counselling competitions.

Competing in the regional competition last month, third-year law students Jeanne Byron and Roger MacDougall, along with graduate student and coach Dale Dewhurst, triumphed over eight other law school competitors, including UBC and Calgary, to advance to the prestigious competitions.

All other Canadian law schools' client counselling teams were eliminated in their respective regional competitions, which means the U of A team will represent Canada at the International competition later this month in Scotland.

Client counselling competitions simulate law office consultations in which law students, acting as lawyers, are presented with a client, played by an actor, who has a problem. This year, the problem was related to a small business. The students conduct a 30-minute interview to determine the best course of action, sometimes legal, sometimes nonlegal in nature.

"Both people have very good personal skills, they're used to dealing with people and

they have all the natural skills you need for this kind of competition," says Dewhurst, himself a former competitor for the University of Saskatchewan.

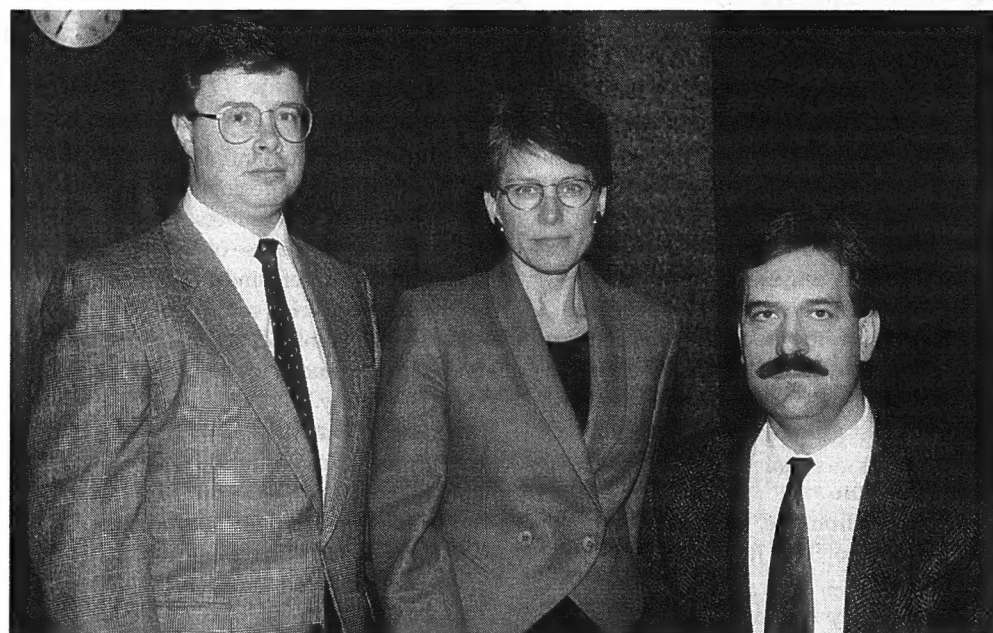
Law Professor Morris Litman says the success of previous and present competitors reflects the commitment and belief of people involved in the program. It's hard work, he points out.

Client counselling was conceived and developed as a legal teaching technique by Louis Brown of the University of Southern California Law Centre. Originally called the Mock Law Office Competition, it began in 1969 with two schools competing and has been held each year since then.

About 100 American and Canadian law schools participate annually in the competition.

A purpose of the competition is to promote greater knowledge and interest among law students in the preventive law and counselling functions of law practice, and to encourage students to develop interviewing, planning and analytical skills in the lawyer-client relationship in the law office.

Another purpose of the competition is to have law students create nonlegal options,



Left to right, Roger MacDougall, Jeanne Byron and client counselling coach Dale Dewhurst.

and to show them that one of their options would be to refer clients to other specialists, Dewhurst explains. Adds Byron, competitors are encouraged to look at clients as people with more than just legal problems.

Both Byron and MacDougall developed good counselling and communications skills before returning to law school. MacDougall

spent 13 years in the field of engineering consulting and managed projects. Byron owned her own consulting company for 10 years and led workshops on communication skills. "It's one thing to teach, but quite another thing to employ those skills," she says.

Both say being parents has helped as well.

Dick Haskayne shares his 'confessions of a corporate director'

By Sheryl Magyar

Richard F Haskayne, FCA (BCom '56), chairman of the board of NOVA Corporation of Alberta, received this year's Canadian Business Leader Award from the Faculty of Business and its Advisory Council last Monday at the Westin Hotel.

In introducing Haskayne, John Ferguson, president and CEO of Princeton Developments Ltd and chairman of the Business Advisory Council, said, "Our recipient of the 1994 Canadian Business Leader Award is the ultimate model. Dick has sound values, high integrity, and is a really nice guy."

After accepting the Award, Haskayne delivered the keynote address. "This recognition means more to me than any paycheck or bonus I've received," he reflected before sharing his confessions of a corporate director. Haskayne professed the responsibility of corporate directors to both the shareholders and employees of the corporation. He pointed out that potential mergers and takeovers that end unsuccessfully usually do so because

either corporate directors got involved in egos and a silly bidding contest, or financial advisors advice was based on the profits they will receive, or lenders and governments abandoned their long-proven policies and practices.

In bringing greetings from the province, Premier Ralph Klein related a conversation with

Francis Winspear about friendship. Klein asked, "It is not how to get me to like Edmonton—I like Edmonton a lot—it is more, how can I get Edmonton to like me?" The Premier thanked Haskayne for his friendship and for being an exemplary leadership model for all



The many who congratulated Canadian Business Leader Award-winner Dick Haskayne included Business Dean Rodney Schneck, left, Premier Ralph Klein and President Paul Davenport.

Canadians. He stated the time is right for new thinking in Alberta.

Past Award recipients attending the Leadership Dinner were Francis Winspear (1982), John Poole (1984), Rhys Eyton (1988), and Robert Stollery (1993).

Richard Lerner to present Lemieux Lecture

Richard Lerner, president of The Scripps Research Institute, will deliver the sixth RU Lemieux Lecture on Biotechnology next week.

The lecture title is "Catalytic Antibodies"; the date is 28 March (4 pm); and the location is Bernard Snell Hall, University of Alberta Hospitals.

Dr Lerner pioneered the method for developing site-specific antibodies and catalytic antibodies. He is a graduate of Northwestern University and Stanford University Medical School where he studied chemistry as well as medicine.

The lecture series was established in 1987 to honour Dr Lemieux, Professor Emeritus of Chemistry, for his contribution to Alberta's biotechnology industry. Previous speakers in the series include TL Nagabhushan (Schering-Plough Corporation), AC Allison (Syntex Research), and J Schell (Max Planck Institute).

Pre-departure orientation held for students planning to study abroad

International Centre helps ready students for life in another country

By Michael Robb

Imagine what it would be like to land at an Asian or African airport, suitcase in one hand and an agreement to study at another postsecondary institution in the other? Sounds scary, doesn't it?

No amount of preparation can totally prepare students for these kinds of experiences, says International Centre Education Abroad Advisor Larry Laffrey. But the Centre is doing its part.

Last weekend, twice as many students as last year (about 65 were expected to attend) took part in the International Centre's pre-departure orientation for students who will be studying abroad this fall.

"The main objective was to give some students a grounding in what it will be like to live overseas for an extended period of time," Laffrey says. Research indicates that pre-de-

parture information helps lessen the culture shock students will experience once they settle in to their new institution and country.

The program included discussions and presentations on cross-cultural dynamics; health and insurance issues; registration and credit issues; living in a new country; and fears and expectations. "We've gotten a lot of help from exchange returnees who are able to explain what they went through," Laffrey says.

He anticipates that about 100 students will go on exchanges during 1994-95. The Centre administers 36 of the exchanges with 15 universities in nine countries. Various departments and Faculties administer other exchange programs.

Seventy-three students participated in formal University of Alberta student ex-

changes during 1992-93, a 23 percent increase over the previous year. A large number of U of A students participated in study abroad programs which are not organized by the University.

The Registrar's Office has set up a tracking system to provide a more comprehensive and accurate system of tracking students who study abroad.

The Faculty of Business—the most active Faculty in the student exchange area—has faculty-to-faculty agreements with 12 other faculties of business. "We have by far the biggest group on campus [of students who go on exchanges]," says Fay Alexander, the Faculty's Associate Director, BCom program.

This year, 22 Business students have indicated a desire to participate in student exchange programs. The Faculty recently decided to get

involved with a tri-lateral, Canada-Mexico-United States three-year student exchange agreement. That will increase the number of schools Business students could potentially study at, says Alexander.

While the numbers of students participating in student exchanges may still be relatively small compared to the total student population, the growth has been rapid. In 1986, for example, only a handful of U of A students were studying at other universities around the world.

"Exchange agreements are being signed all the time," Laffrey says. More and more people will also be spending single terms at other institutions, and more institutions are becoming more flexible in accommodating student exchanges. "That will open up more opportunities for our students."

Tom Wegmann remembered as 'a brilliant scientist and an extraordinary teacher'

The University of Alberta and the Department of Immunology have lost a valued member with the untimely death of Tom Wegmann on 26 January. The loss of Dr Wegmann is deeply mourned by his family, friends and colleagues in Edmonton and around the world.

Dr Wegmann received his BA (1963) and PhD (1969) in Medical Genetics from the University of Wisconsin, and was appointed to the faculty of Harvard University as an assistant professor in 1969. Given an opportunity to remain at Harvard by being promoted to associate professor in 1972, he chose instead to move to Edmonton in 1974 to become one of the founders of the Department of Immunology at the U of A. As a result, the department flourished and became a highly respected force in immunological research.

Dr Wegmann will long be remembered as the eternal optimist, a boundlessly enthusiastic individual who was both a brilliant scientist and an extraordinary teacher. Scientifically, he centred much of his work on the interactions between the immune system and pregnancy, particularly focusing on the question of how the immune system can protect and tolerate the fetus, even though it is similar to a transplanted foreign tissue. Dr Wegmann made major contributions to this area, and is recognized around the world as one of the leading researchers on the immunology of pregnancy.

Internationally, he was involved in fostering scientific interactions in Thailand and India. In addition to many informal interactions with his colleagues in India, he recently coordinated an IDRC grant to fund research in Edmonton and New Delhi using products

of the Neem tree. These have potential for both contraception and disease prevention.

Dr Wegmann put considerable time and energy into the encouragement of native students in their studies, particularly in the Faculty of Medicine program. He was mentor to native students and argued vigorously for his belief that training of native medical students was very important not only for the individuals involved, but also for the native community as a whole.

He was also very active in supporting the concept of strong two-way interactions between the University and local industry. He was an outspoken advocate of this position within the University, in the local Alberta business community, and in his advisory position with the federal government. To this end, he served the federal government this past year as part-time Visiting Professor, Sci-

ence Policy, ISTC in Ottawa, assessing and encouraging the integration of commercial biotechnology within Canadian academic institutions as a device to pay for the ever increasing cost of academic research. He practiced what he preached by founding two companies in Edmonton.

Tom Wegmann's zest for life, infectious good humour and broad intellectual interests were a wonder to behold. His genuine warmth and enthusiasm resulted in him having a remarkable number of friends in Edmonton and around the world. On 30 January, a standing-room-only crowd of students, relatives, friends and colleagues gathered at Bernard Snell Hall to celebrate his life. The letters that have poured in since his death are eloquent testimonials to the esteem and affection in which he was held, both as a scientist and a friend.

Sports Wall of Fame Dinner scores on two fronts

Induction of Baldwin, Braithwaite, Hajash and Shapka complemented by raising of funds

By Sandra Halme

The University of Alberta's ninth annual Sports Wall of Fame dinner again honored distinguished alumni while at the same time raising funds to benefit the University's athletic programs.

Matt Baldwin, Lorne Braithwaite, Grayson Hajash and Muriel Shapka were inducted into the Wall, while proceeds from the dinner, held last night at the Westin Hotel, will go towards the establishment of scholarships for each athletic team.

The Dinner is the primary fundraising function for the Green and Gold Athletic Society. The Society, formed in 1985, provides support to the Department of Athletics by enhancing the athletic experience at the Uni-

versity through scholarships, grants and the purchase of equipment. The basic goal of the Society is to work for the collective good of all sports on campus.

Baldwin, BSc '51, graduated with a degree in petroleum engineering and is recognized as one of the best curlers in the history of the game. He holds five Alberta curling championships and is a three-time winner of the Briar Tankard. Baldwin has been elected to each of the Edmonton, Alberta and Canadian Sports Halls of Fame and to the Canadian Curling Hall of Fame.

After earning a BCom degree in 1963, Lorne Braithwaite began his business career with the T. Eaton Company, and later held

senior positions with ATCO Industries in Calgary. He is currently president of Cambridge Leaseholds. In his student days Braithwaite was a two-way football player and an outstanding junior "A" hockey player. His interest in young people is reflected in his long-time involvement in Junior Achievement and with minor hockey.

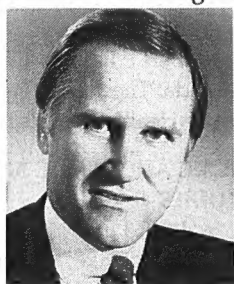
Grayson Michael (Mickey) Hajash, BSc '47, excelled in a number of varsity sports including Golden Bears football where he won the Wilson Trophy as most outstanding player. After graduating, he played a season with the Calgary Stampeders. He has been a volunteer for minor hockey, B.C. Games, international

softball competitions and senior golf tournaments, and most recently for the 1994 Commonwealth Games in Victoria.

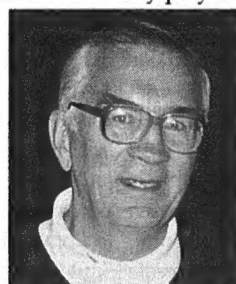
Muriel (Mert) Shapka, BEd '53, majored in physical education and was an outstanding athlete in intercollegiate swimming, tennis and basketball. She also distinguished herself in intramural sports such as swimming, volleyball, basketball and badminton, and was awarded the TM Johnson Trophy. Shapka later devoted much of her time to improving high school girls' physical education and sport; in recognition of her efforts, the Edmonton Junior Girls' Basketball Premier League is named after her.



Matt Baldwin



Lorne Braithwaite



Grayson Hajash



Muriel Shapka

Campus Rec breaks the ice with 'Over 35' hockey

By Michael Chow

The tensions of the day dissipate with the first faceoff in the evening. In the nervous Nineties, that's perhaps the number one benefit of the "Over 35" Hockey League, a league whose skaters come from all walks of campus life.

Founded in January 1984, the league boasts six teams, each of which has a mixture of faculty, staff and older students who play every Wednesday evening at Clare Drake Arena.

The league was the brainchild of Campus Rec Associate Director Hugh Hoyles, who says that the program offers the players more than just the opportunity to take part in a weekly game of pickup hockey. "More than anything, the league gives the participants a chance to meet other people from the University who either teach, work as support staff, or are here as students. A main purpose behind the development of the league is to lend an informal environment to the players to socialize and to share something that they all have in common."

Dennis Foth, Dean of the Faculty of Extension, is a fifth year player for the Methuselahs. "It's important that I can set aside my office responsibilities one night a week and do something completely different," he says. "I find it really refreshing."

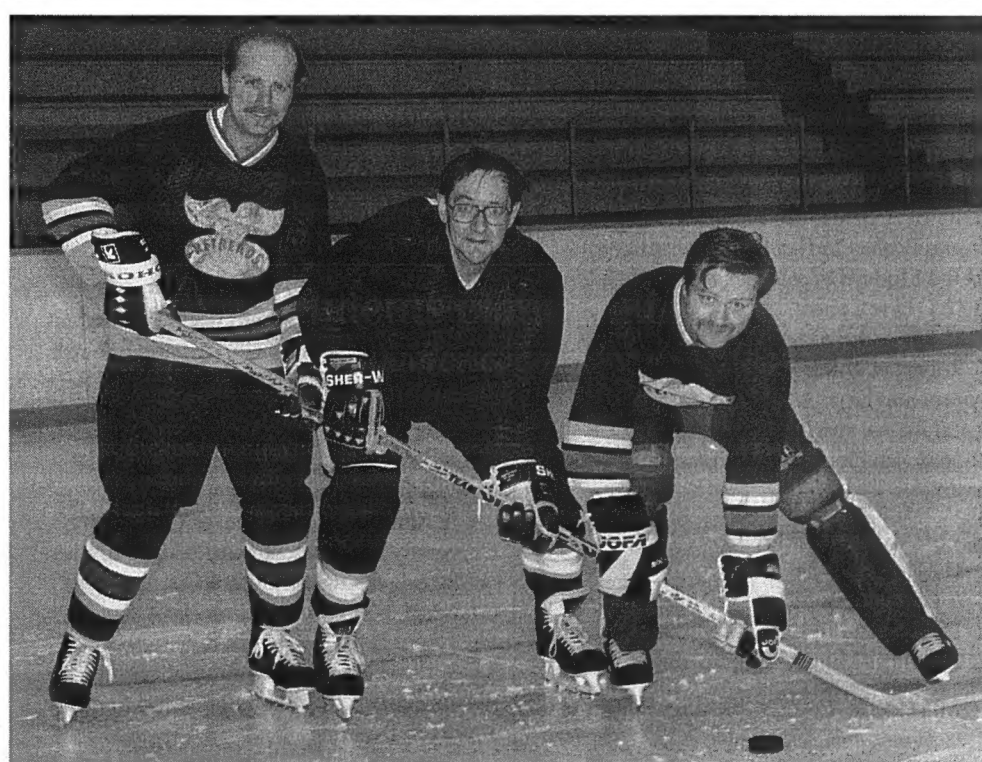
While he loves playing the great Canadian game, Dr Foth says it is the other players who really make the evenings worthwhile. "I really enjoy my teammates and the other fellows in the league. There is a great sense of camaraderie that has grown up. When I joined the team I felt it immediately and it has persisted throughout the five years that I have been involved."

Murray Steen, a member of the Retreads, has also been playing for five years. "Everybody gets along with one another," says the second year electrical engineering student. "Players from your own team and other teams as well get together after the game and have a good time. There are a lot of interesting people that you are able to meet that are involved in all aspects of the University."

Denis Côté, a cabinet maker in Physical Plant for more than 17 years, has missed only game in his six seasons in the league.

"I really look forward to playing every week and I think that most of the players would agree that the results on the scoreboard are not as important as experiencing the fun that the league brings," he says.

Sixty-nine year old Jack Lerbekmo, a retired Geology professor, has been with the league since its inception. A member of the Precambrians, he says he has "gained many



In this sticky situation, Murray Steen gains the upper hand over Dennis Foth, centre, and Denis Côté.

friendships on and off the ice" and is "looking forward to playing for many years to come."

The league runs from the beginning of October to the end of March and is open to all faculty, staff and students over 35 years of

age. A waiting list has been established for individuals wanting to join the league. Anyone interested in being placed on the list for the fall 1994 season is asked to call Hugh Hoyles at 492-1010 before the end of April.

ALBERTA HERITAGE FOUNDATION FOR MEDICAL RESEARCH

25 March, 4 pm

Michael R Culbertson, Laboratory of Molecular Biology, University of Wisconsin, Madison, "Factors that Promote mRNA Turnover in Yeasts." Presented by Genetics. G-116 Biological Sciences Centre.

28 March, 3 pm

P Haydn Pritchard, Department of Pathology, University of British Columbia, "The Molecular Genetics and Biochemistry of Lecithin: Cholesterol Acyltransferase." 207 Heritage Medical Research Centre.

29 March, 4 pm

Tom C Hobman, postdoctoral fellow, Division of Cellular and Molecular Medicine, University of California, San Diego, "Intracellular Transport of Rubella Virus Structural Proteins." Presented by Anatomy and Cell Biology. 5-10 Medical Sciences Building.

31 March, 3:30 pm

Carey Johnson, Department of Pediatrics, University of Calgary, "Genetics and Screening of Multiple Endocrine Neoplasias." Presented by Genetics. G-116 Biological Sciences Centre.

7 April, 4 pm

Michael Gray, Department of Biochemistry, Dalhousie University, "RNA Editing in Mitochondria." Presented by Genetics. M-149 Biological Sciences Centre.

8 April, 2 pm

Michael Gray, "Origins and Evolution of Mitochondrial DNA." Presented by Biochemistry. 227 Medical Sciences Building.

ANTHROPOLOGY

Frucht Memorial Lecture Series

26 March, 10 am

Reg and Joe Crowshoe, "Blackfoot Material Culture." TB-77 Tory Building.

26 March, 11 am

Rose and Josephine Crowshoe, "Women's Roles in Blackfoot Culture." TB-77 Tory Building.

BIOCHEMISTRY

John S Colter Lecture in Biochemistry

29 March, 2 pm

Michael Smith, Department of Biochemistry and Biotechnology Laboratory, University of British Columbia, "Synthetic DNA and Biology." Bernard Snell Hall, Mackenzie Health Sciences Centre.

CENTRE FOR CONSTITUTIONAL STUDIES

30 March, 8 pm

Robert A Williams, Jr, College of Law and Department of American Indian Studies, University of Arizona, "Sovereignty, Racism, and Human Rights: Indian Self-Determination and the Modern World Legal System." 231/237 Law Centre.

31 March, noon

Robert A Williams, Jr, "Decolonizing Environmental Law: A Case Study on Environmental Justice and Native Americans." RSVP: 492-5681. 4th Floor, Faculty Lounge, Law Centre.

CHEMICAL ENGINEERING

31 March, 3:30 pm

A Henni, "Equilibrium Solubility of Carbon Dioxide in Physical and Mixed Solvents." 342 Chemical-Mineral Engineering Building.

CHEMISTRY

28 March, 4 pm

The Sixth RU Lemieux Lecture on Biotechnology

Richard Lerner, president, The Scripps Research Institute, "Catalytic Antibodies." Bernard Snell Hall, Mackenzie Health Sciences Centre.

TALKS



COMPUTING SCIENCE

8 April, 3 pm

M Tamer Ozsu, "Are Objects Real?" 2-115 Education North.

EIGHTEENTH-CENTURY STUDIES GROUP

30 March, 4 pm

Forum on "Imperialism", chaired by Deborah McLeod, with speakers Nasrin Rahimieh and Richard Connors. 326 Arts Building.

ENGLISH

Kreisel Lectures

28 March, 4 pm

Seymour Chatman, University of California at Berkeley, "Mis-en-scène of the Films of Antonioni." L-12 Tory Lecture Theatre.

29 March, 7 pm

Dr Chatman, "Woody Allen's Parodies." Edmonton Art Gallery.

30 March, 4 pm

Dr Chatman, "Hollywood Adaptations: Washington Square and The Heiress." L-12 Tory Lecture Theatre.

ENTOMOLOGY

31 March, 4 pm

Cameron Currie, "Biological Control of Western Gall Rust: Using a Sap Beetle, *Epuraea obliquus* Parsons (Coleoptera: Nitidulidae) as a Vector for a Mycoparasite." TB-W1 Tory Breezeway.

7 April, 4 pm

Susanna Acheampong, "Startle Response in the Colorado Potato Beetle, *Leptinotarsa decemlineata* (Say) (Coleoptera: Chrysomelidae)." TB-W1 Tory Breezeway.

14 April, 4 pm

Dylan Parry, "The Impact of Parasitoids and Predators on Natural and Experimental Forest Tent Caterpillar (*Malacosoma disstria* Hübner) (Lepidoptera: Lasiocampidae) Populations." TB-W1 Tory Breezeway.

FOOD SCIENCE AND NUTRITION

28 March, 12:30 pm

Fraser Scott, Nutrition Research Division, Health and Welfare Canada, Ottawa, "Food and the Development of Organ-Specific, Autoimmune Disease: Type 1 (Insulin-Dependent) Diabetes." Sponsor: Alberta Heritage Foundation for Medical Research. 2J4.02 Mackenzie Health Sciences Centre.

FOREST SCIENCE

30 March, noon

Rob Powell, senior environmental scientist, Natural Resources Conservation Board, "The Westcastle Decision." 821 General Services Building.

GEOGRAPHY

25 March, 3 pm

JE Randall, Department of Geography, University of Saskatchewan, "Communities on the Edge: Single Industry Communities in Canada." 3-36 Tory Building.

8 April, 3 pm

Shuca Guan, "The Interrelationships Between Industrial Waste Energy and Rainfall." 3-36 Tory Building.

GERMANIC LANGUAGES

25 March, 3 pm

Gerwin Marahrens, "Geschichte und Aesthetik in Gottfried Benns Intellektueller Novelle *Der Ptolemaeer*." 141 Arts Building.

8 April, 3 pm

Michael Langhorst, "Echoes of Goethe's *Lehrjahre* in Moerike's *Maler Nolten*." Senate Chamber, Arts Building.

HISTORY

25 March, 3 pm

Marc Epprecht, "The French-Canadian Connection in Southern Africa, 1930-70: The Oblate Mission in Basutoland (Lesotho)." 2-58 Tory Building.

HUMAN ECOLOGY

29 March, 3:30 pm

Dorothy MacAuley, "Aboriginal Evaluation of Non-Market Goods in Northern Saskatchewan." Bob Carney, "Inuit School Curricula: A Synopsis." 207A Law Centre.

LIMNOLOGY AND FISHERIES

DISCUSSION GROUP

31 March, 12:30 pm

Todd Sellers, "The Thermal Niches of the Lake Trout and Opossum Shrimp." G-116 Biological Sciences Centre.

7 April, 12:30 pm

Hilary Jones, "Risk of Predation of Northern Pike and the Reproductive Behaviour of Fathead Minnows." G-116 Biological Sciences Centre.

MEDICAL MICROBIOLOGY AND

INFECTIOUS DISEASES

29 March, 4 pm

Robert P Rennie, "Invasive Infection by *Candida*: The Stealth Pathogen." 2F1.04 Mackenzie Health Sciences Centre.

MUSIC AND SLAVIC AND EAST EUROPEAN STUDIES

6 April, 3 pm

Taras Filenko, "Influences on the Formation of Musical Culture in Western Ukraine." 215 Fine Arts Building.

NURSING

28 March, noon

Jane Drummond, "An Exploration of Cognitive Development: Implications for Nursing Theory, Practice and Research." 3-114 Clinical Sciences Building.

PERINATAL RESEARCH CENTRE

29 March, noon

Jane Yui, "The Effects of TNF- and Interferon Gamma on Trophoblasts." 2J4.02 Mackenzie Health Sciences Centre.

PETER JACYK CENTRE FOR UKRAINIAN

HISTORICAL RESEARCH

7 April, 3:30 pm

Serhii Plokhly, "Legal Ideas of the Pereiaslav Treaty of 1654." 352 Athabasca Hall.

PHILOSOPHY

25 March, 3:30 pm

Dennis Robinson, University of Auckland, "Four Dimensionalism, Relativism and the Self: A Commentary on Mark Johnston." L-3 Humanities Centre.

PLANT SCIENCE

29 March, 12:30 pm

Sergio Moroni, "Graft-Transformation, the Mechanism for Graft-Induced Genetic Changes." 1-06 Agriculture-Forestry Centre.

5 April, 12:30 pm

Rangu Mandyam, "Cyanide Resistant Respiration." 1-06 Agriculture-Forestry Centre.

7 April, 12:30 pm

Bruce Moltzan, "Mycobactericides." 1-06 Agriculture-Forestry Centre.

14 April, 12:30 pm

Suzanne Gill, "The Conservation Practices of Historical Cultures." 1-06 Agriculture-Forestry Centre.

PSYCHIATRY

29 March, 7:30 pm

J William C Dement, Lowell W and Josephine Q Berry Professor of Psychiatry and Behavioral Sciences, and Director, Stanford University Sleep Disorders Center, Stanford, California, "Sleep Disorders and Their Impact." Panelists: Adam Moscovitch, University of Calgary, and Lawrence Pawluk. Bernard Snell Hall, Mackenzie Health Sciences Centre.

RURAL ECONOMY

28 March, 3:15 pm

Terrence J Appleby, supervisor, Conservation and Sustainable Agriculture, Production Economics Branch, Alberta Agriculture, "Behavioural Issues in the Transition to Conservation Farming." 519 General Services Building.

11 April, 3:15 pm

John Bryden, Winegard Alumni Visiting Professor, University of Guelph, and research and programme director, The Arkleton Trust and Arkleton Research, UK, "Economic Adjustments on European Farm Households: New Evidence 1980-1990." 519 General Services Building.

SLAVIC AND EAST EUROPEAN STUDIES

28 March, 3 pm

Natalia Moussienko, Kiev, Ukraine, "Relations Between Mass and Elite Culture in Ukraine" (in Ukrainian). L-2 Humanities Centre.

28 March, 7 pm

Natalia Moussienko, "New Art Films From Ukraine: A Screening." 141 Arts Building.

28 March, 2 pm

Natalia Moussienko, "The Elections in Ukraine." L-2 Humanities Centre.

30 March, 3 pm

S Plokhly, Institute of Archaeography, Ukrainian Academy of Sciences, and M Yurkevich, "Politics, Scholarship and Culture in Contemporary Ukraine." 141 Arts Building.

SOCIOLOGY

30 March, noon

Steven Friedenthal, director, Safer Cities Initiative, City of Edmonton, "Personal Safety Issues on Campus." 5-15 Tory Building.

SOIL SCIENCE

31 March, 12:30 pm

Robert Janzen, "Composting—Everyone's Solution?" 2-36 Earth Sciences Building.

THEORETICAL PHYSICS INSTITUTE

13 April, 2 pm

Valery Frolov, Killam Memorial Professor, "Life After Death (Black Hole Paradigm)." P126 Avadh Bhatia Physics Laboratory.

WOMEN'S PROGRAM

12 April, 3:30 pm

Shireen Lukudchedkar, director, Canadian Studies Programme, SNDT, Women's University, Bombay, India, "Feminist Writing in India." Cosponsor: Indo Canadian Women's Association. 2-47 Extension Centre.

ZOOLOGY

25 March, 3:30 pm

Robert Ryan, "Lipoprotein Metabolism in the Insect, *Manduca sexta*." M-149 Biological Sciences Centre.

8 April, 3:30 pm

David Wilcove, Environmental Defence Fund, Washington, D.C., "Ecosystem Management, an Alternative to the Endangered Species Act?" M-149 Biological Sciences Centre.

This symbol denotes environmentally-related seminars and events. If you wish to have an environmentally-related event listed in this manner, please contact: The Environmental Research and Studies Centre, 492-6659.

EVENTS

EXHIBITIONS

BRUCE PEEL SPECIAL COLLECTIONS LIBRARY

Until 31 March

"Alice's Adventures in Wonderland"—an exhibition of Barry Moser's woodcut illustrations for the Pennyroyal edition of 1982. B7 Rutherford South.

FAB GALLERY

Until 27 March

"Myth: The Human Condition. Neil Fiertel—Sculptor."

31 March to 17 April

"Lasting Impressions 1994"—the third in a series of exhibitions showcasing work by staff and students of Art and Design's internationally recognized Printmaking Studio. Gallery hours: Tuesday to Friday, 10 am to 5 pm; Sunday, 2 to 5 pm; Saturday, Monday and statutory holidays, closed. 1-1 Fine Arts Building.

McMULLEN GALLERY

Until 1 May

"Once Upon a Time"—a juried exhibition of work by members of the Edmonton branch of the Alberta Society of Artists. Gallery hours: Monday to Friday, 10 am to 4 pm; Saturday and Sunday, 1 to 4 pm. Information: 492-8428 or 492-4211. Mackenzie Health Sciences Centre.

FILMS

GERMANIC LANGUAGES

5 April, 7:15 pm

"Die neuen Leiden des jungen W." (1975) German with English subtitles. 141 Arts Building.

MUSIC

DEPARTMENT OF MUSIC

25 March, 8 pm

Concert Choir Concert. Convocation Hall.

27 March, 8 pm
Stage Bands I and II Concert. John L Haar Theatre, Jasper Place Campus, Grant MacEwan Community College.

29 March, 8 pm
Master of Music Recital—Greg Caisley, piano. Muttart Hall, Alberta College.

30 March, 5:30 and 8 pm
Chamber Music Concerts. Convocation Hall.

31 March, 8 pm
Faculty Recital—Scott Whetham, tuba. Muttart Hall, Alberta College.

5 April, 8 pm
Concert Band Concert. Convocation Hall.

6 April, 8 pm
Visiting Artist Recital—John Lowry, violin. Convocation Hall.

7 April, 8:30 pm
Doctor of Music Recital—Milton Schlosser, piano. Convocation Hall.

8 April, 8 pm
Madrigal Singers Concert. Convocation Hall.

9 April, 8 pm
Master of Music Recital—Brent Pierce, composition. Convocation Hall.

EDMONTON CHAMBER MUSIC SOCIETY

13 April, 8 pm

"The Boston Chamber Music Society." Tickets available at The Gramophone or at the door. Information: 433-4532. Convocation Hall.

THEATRE

STUDIO THEATRE

31 March to 9 April

"Serious Money" by Caryl Churchill. Directed by Jim Guedo. Information and tickets: 492-2495. Myer Horowitz Theatre.

Business PhD program

Continued from page 5

enjoy such a wide window of opportunities as graduates from previous years."

Even so, Professor Hinings believes there will be a continuing demand for business education. "The decline we're seeing is in the rate of growth, not in growth itself," he says.

He observes that demographics favour continued vacancies within the Faculty of Business as there will likely be a number of retirements over the next decade. "Data available from the United States, although it may not translate perfectly to the Canadian scene, indicates that business professors tend to retire earlier than their counterparts in other faculties as they're equipped to pursue interests outside academic circles."

So would students still be well advised to pursue a doctoral course in business management? Professor Hinings is unequivocal in his response. "Absolutely. There will always be a demand, there will always be a need for gifted people who are trained to be impartial observers, analytical thinkers, and who are eminently qualified as the teachers of future generations."

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*Reprinted from *The Edge*, Winter 1994.

Pharmaco-economics institute

Continued from page 3

among industry, government and academia. For this reason, I am confident we will succeed in initiating this partnership."

Committee members are John Brown, Associate Dean, Faculty of Business, U of A; David Kelly, Assistant Deputy Minister, Health Care Insurance, Alberta Health; Cooper Langford, Vice-President (Research), U of C; Dick Moskalyk, Dean, Faculty of Pharmacy and Pharmaceutical Sciences, U of A; Stan Schellenberger, Assistant Deputy Minister, Alberta Economic Development and Tourism; Matt Spence, President, AHFMR; Hugh Walker, Health Policy Unit, Queen's University; and Joel Weiner, Associate Dean (Research), Faculty of Medicine, U of A.

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by

ROBERT A. WILLIAMS, JR.

College of Law & Department of American Indian Studies, University of Arizona

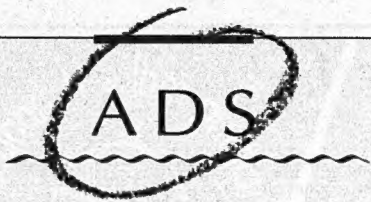
Wednesday, March 30, 1994
8:00 p.m.

Room 231/237
Faculty of Law
University of Alberta
Edmonton, Alberta

Reception to follow in Faculty Lounge, 4th Floor, Law Centre.

Professor Williams is the author of the book *The American Indian in Western Legal Thought: The Discourses of Conquest* (1990), co-editor of *Federal Indian Law: Cases and Materials* 3rd ed. (1993), as well as a Justice of the Court of Appeal of the Pascua Yaqui Indian Tribe in Arizona.

For further information call 492-5681.



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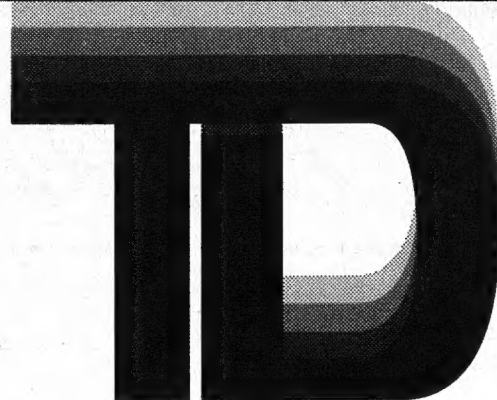
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